

**Fleming Alexander-**was born at Lochfield Darvel in Ayrshire, Scotland on August 6th, 1881.Fleming attended Louden Moor School, Darvel School, and Kilmarnock Academy. Later he move to London were he attended a polyclinic. He spent several years working in a shipping office before attending st Mary’s medical school London University. He graduated from university with a distinction and in 1906 he started research at St Mary’s. Fleming was born into a family of 8 children, on a remote Scotland farm. HE married Sarah Marion McElroy of Killala, Ireland, who died in 1949 and they had one son. He got remarried in 1953 to Dr. Amalia Koutsouri-Voureka, a Greek colleague at St. Mary's. Alexander Fleming focused his work on antibacterial studies and his first ambition was to create a anti bacterial substance that was non toxic to animal tishue. His first major discovery was an important bacteriolytic substance which he called Lysozyme. In 1928 whilst working on the influenza virus he discovered some mold that had accidently grown on the staphylococcus culture plate and that the mould had created a bacteria-free circle around itself. He tested this mould 800 times and it was called it penicillin. Because of his great contribution to medicine Sir Alexander Fleming was awarded a number of awards such as: Hunterian Professor (1919), Arris and Gale Lecturer (1929) and Honorary Gold Medal (1946) of the Royal College of Surgeons; Williams Julius Mickle Fellowship, University of London (1942); Charles Mickle Fellowship, University of Toronto (1944); John Scott Medal, City Guild of Philadelphia (1944); Cameron Prize, University of Edinburgh (1945); Moxon Medal, Royal College of Physicians (1945); Cutter Lecturer, Harvard University (1945); Albert Gold Medal, Royal Society of Arts (1946); Gold Medal, Royal Society of Medicine (1947); Medal for Merit, U.S.A. (1947); and the Grand Cross of Alphonse X the Wise, Spain (1948).

Sources:

<http://nobelprize.org/nobel_prizes/medicine/laureates/1945/fleming-bio.html>

<http://www.myhero.com/go/hero.asp?hero=a_fleming>